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BS News

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BSNews

JULY/AUGUST 1996

IRISH BUILDING SERVICES NEWS

Walker Demise Not Unexpected

While the appointment of a receiver to Walker Air Conditioning Ltd on 5 July last came as a surprise to some, those with their ear to the ground had anticipated some sort of development. It was an open secret over the last few months that discussions were taking place between various parties with a view to selling off some, or all, of the company.

Recent years had seen the once-mighty industry pacesetter slip down the ratings ladder, the company's failure to capitalise on the emergence of the split air conditioning market perhaps being the key turning point in its fortunes.

Can the impact of the untimely death of Jim Anderson be underestimated. Jim simply was Walker Air Conditioning ... a larger-than-life figure whose remarkable business expertise

was matched by an effervescent, inspiring personality. His untimely death left a void in Walker Air Conditioning Ltd.

Nonetheless, he left in place a very strong and experienced senior management team which, on paper at least, had everything going for it. However, for reasons which to this day are still clouded in mystery, that team broke up. Perhaps the full details of all that transpired within the company since Jim Anderson's death will never emerge.

Consequently, it is very difficult to determine with any accuracy what has led to Walker Air Conditioning's current dilemma. What is known is that Elkay Manufacturing Company successfully sought to have the company put into administrative receivership on 5 July last. On that date Thomas M Keenan and Nicholas J Dargan of Deloitte &

Touche were appointed joint receivers.

At the time of their appointment the break up of Walker Air Conditioning Ltd was already at an advanced stage with a number of deals on the point of conclusion. Initially they were put on hold but have since been ratified and concluded, albeit with modifications.

The situation as we go to press is as follows:-

Dublin Office

Now trading as a stand-alone operation, primarily engaged in contracting. Projects underway at the time of the receiver's appointment are being concluded. For sale as a going concern;

HRP Walker

This was the refrigeration wholesale arm of the company. Management buy-out concluded but no precise details as yet;

Belfast & Glasgow Offices

Carrier has taken over the entire assets of both branches. Unclear at the time of writing what they will trade as;

Grundfos Appointment



Grundfos (Ireland) Ltd has appointed Gordon Barry as Sales Manager. Gordon is the longest-serving member of the Grundfos staff, having joined the company in 1984, shortly after its formation. Since then he has served in many capacities and, up to the time of his appointment as Sales Manager, held the position of External Sales Engineer, carrying the entire Grundfos portfolio.

London Office

Sold by receiver to a management buy-out. Again it is unclear at the time of going to press what it will trade as.

Whether the Walker Air Conditioning name remains an integral part of the Irish building services industry is now seriously in doubt. However, it is appropriate that – while the name may go – the legacy the company leaves is enormous. At one stage Walker Air Conditioning was like an industry nursery. The principals and senior personnel of a great many of today's most successful companies – especially in the air conditioning sector – began their careers with Walkers.

T E Lynskey Win Merriott/BSNews Grand Prix

The victorious T E Lynskey team who triumphed in the recent highly-competitive Merriott/BSNews Karting Grand Prix. Pictured right is Frank Donohue of Merriott with drivers Tim O'Callaghan, Tadhg Condron, Willie O'Dowd, Anthony Connelly and team manager John Finan. Full report page 18.





Oil & Gas Fired Cast-Iron Boilers

NXR3 Range – 70/290 kW

NXR4 Range – 260/800 kW

The High-powered Boiler



Chappee NXR3 and NXR4 cast-iron boilers with generous heat exchange surfaces enhance heat transfers, and therefore make the most of the combustion process making these boilers amongst the most efficient in the market.

Moreover, its double insulation, featuring one 50mm layer of glass wool on the glass fabric surrounding the exchanger and one 50mm layer around the casing, reduces dramatically the heat radiation losses.

Thanks to the design qualities of its exchanger and its insulation, the Chappee boilers achieve crucial energy savings and minimises pollution.



Heyac Ltd

70-72 Lower Dorset Street, Dublin 1.

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Chartered Institution of Building Services Engineers (CIBSE);
The Mechanical Engineering & Building Services Contractors' Association (MEBSCA); The Association of Consulting Engineers of Ireland (ACEI); The Mechanical Engineering Contractors' Association;
The Institute of Domestic Heating Engineers (IDHE);
The Registered Heating Contractors Association; The Maintenance, Energy & Environmental Technology Association (MEETA) which incorporates energy managers and maintenance managers;
The Energy Conservation & District Heating Association; The Institute of Plumbing;
The Irish Home Builders Association (IHBA); Builders Merchants/Trade Supply Outlets.

In addition, Irish Building Services News circulates to independent building services contractors and key executives in industry, Government, Semi-State and local authority bodies. Essentially, our circulation is virtually saturation coverage of all those with an interest and/or involvement in the industry.

et al.: BS News

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THE ENERGY SHOW '96

This combined 2-day conference and exhibition is sponsored by the European SAVE Programme; the Irish Energy Centre; and the Department of Economic Development, NI.

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D'ARCY ENGINEERING – MARRYING QUALITY WORK WITH PERSONAL SERVICE

Since 1993 D'Arcy Engineering has undertaken and completed more than 100 individual projects covering all aspects of the building service industry and taking in commercial, industrial, educational and residential schemes.

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HARLAND, JOHNSTON & CO

Building and environmental systems specialists.

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NEW PRODUCTS AND LITERATURE

A look at what is new in the marketplace.

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MERRIOTT/BSNEWS GO KARTING

While the Ballyfermot Go-Kart track is world's removed from the likes of Silverstone or even Mondello, that did nothing to dissuade the competitors in the recent Merriott/BSNews karting grand prix from the notion that they were all budding Damon Hills!



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BSNEWS BETTER BUSINESS

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PRODUCT UPDATE

Major new introductions from Armitage Shanks.

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COMMERCIAL BOILERS

This month we take a close look at the commercial boiler offerings from Heating Distributors; Euro Gas and Hevac.

TRADE NEWS

Clivet Italia Appoints Coolair as Distributor

Coolair recently successfully concluded its long search for a range of large package chillers when it secured a distribution agreement with Clivet Italia for its extensive range of air conditioning and water chilling products. This further enhances Coolair's product portfolio which formerly lacked air cooled package chillers in the 300kW to 1500kW range: large rooftop package units with full economiser packages (up to 130kW 6.1 L/s); and competitively-priced fan coil units.

Clivet Products – together with Climaveneta – were formerly marketed in Ireland under the brand name AIA. Coolair's timely negotiations with AIA coincided with the acquisition of Climaveneta by the De Longhi Group, leaving the Clivet Product range and its distribution rights for Ireland free. The end result is that two former sister companies are

now marketed in Ireland under their generic brand names instead of as AIA products.

At the recent Mostra Convegno exhibition in Italy, Clivet launched its extended WRAT chiller range. This is manufactured at its Seltra facility, which includes Europe's largest chiller production area with 13,000 sq m of dedicated chiller production.

This development brings to Coolair the following new product ranges:-

Air cooled chillers

Air cooled package chillers from 6.7kW to 1346kW with the following options – Built-in buffer tanks and pumping station in units up to 20kW; Alternative refrigerant's – R407C;

Noise attenuation packages

Heat recovery versions, two types – full heat recovery with shell and tube condenser and

partial heat recovery with up to 15% of rejected heat recovered, using hot gas desuperheaters; Microprocessor controllers with optional BMS Interfaces.

Rooftop package units

Cooling only and heat pump versions with capacities from 8.8kW up to 130kW and airflows up to 6.11 M3/s. There are three versions available – CRT - A: Basic unit with ductable return air intake; CRT - B: A unit with return air/fresh air mixing box; and CRT - C: A package unit which includes supply and return fans and full economiser free cooling package.

Other features include – Roof curbs; Optional LPHW heating coils with factory-fitted 3-port valves and controls; Microprocessor control systems; and PC and BMS interface options.

Split Systems

Clivet's CED range of ducted split systems are available in capacities from 7kW to 21kW with the following options:-

- Cooling only or heat pump models;
- Electric or LPHW heating

sections;

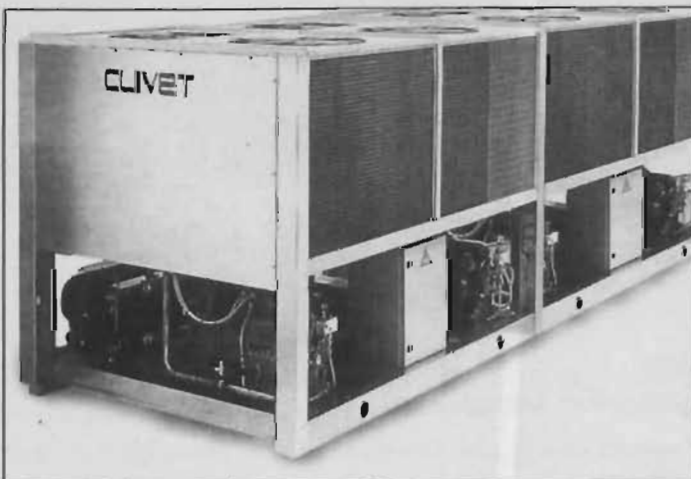
- Insulated discharge plenums with octopus connections;
- Mixing box and/or economiser intake sections;
- Electronic controls.

Other interesting products in the range include pumping stations with storage capacities up to 1000L which include, stainless steel storage tanks, control panel, single or dual pumps, expansion tanks and automatic fill and vent valves.

These units are matched to the Clivet chiller capacities and provide a convenient way of packaging chiller and fan coil unit installations. Their 'Peraluman' aluminium casing provides superior corrosion resistance for outdoor installation and eliminates the need for periodical repainting.

Condensing Units

Completing the total package is a range of condensing units. Clivet's MCAT range of condensing units is available with capacities up to 130kW and provides a competitive alternative to water chilling on medium-sized installations.



Clivet aircooled water chillers with reciprocating semi-hermetic compressors (propeller fans) from Coolair.

Contact: Brendan Kilgallon, Coolair. Tel: 01 - 451 1244.

CIBSE/ASHRAE Joint Conference for Harrogate

CIBSE and ASHRAE are holding a joint conference in Harrogate from 28 September to 1 October next. Trends develop differently on either side of the Atlantic and yet the work place and the codes and laws that govern it are becoming increasingly standardised. The Joint Conference is an occasion when speakers from both organisations present papers on a common theme.

The management conference and technical conference link the themes of innovation for client satisfaction and profitability with future buildings and the evolving role of the service engineer. In both parts of the conference, industry figures from the UK and the US will offer different perspectives on these concerns.

TRADE NEWS

Thermo Systems and McQuay Success

Thermo Systems have continued their growth with the recent installation of a number of AAF Easdale air handling units. A typical example of an AAF Easdale installation are the units at the Herbert Park Lane Hotel. They were specified because of the need for a cost-effective solution which included many high-quality features.

"These air handling units bring truly revolutionary technical advances to the Irish HVAC market" said Aidan Lynch, Managing Director of Thermo Systems.

"The units are constructed from the revolutionary Modar composite frame and CFC-free rigid foam, double-skinned, 50mm panels, which have

thermal characteristics which are 100% better than fibre-filled panels. Exceptional strength is inherent in the design. This, coupled with the Class B leakage rating and acoustic insertion loss of up to 29dBa, is

why demand for the units is so high.

Apart from the quality of the units, there is the added insurance that all McQuay and AAF service and maintenance is handled by J & E Hall.

Contact: Aidan Lynch, Thermo Systems. Tel: 01 - 261 8666.



The AAF Easdale air handling units being secured in place at the Herbert Park Lane Hotel.

Green Design

"Green Design: Sustainable Building for Ireland" is a practical manual setting out the principles of sustainable design, combined with technical material and design guidance specific to Ireland's climate, construction practices and regulations.

It concentrates primarily on passive solar heating, natural cooling and daylighting, but the potential of other forms of renewable energy is also covered. Included is guidance on the energy and pollution implications of building materials, on the protection of water resources, and the reduction of waste.

While architects are the primary audience, the manual should also be of interest to building services engineers and contractors.

Contact: John Goulding, Energy Research Group, University College Dublin.
Tel: 01 - 269 2750.



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- ◆ Foamglass Pipe Sections & Slabs

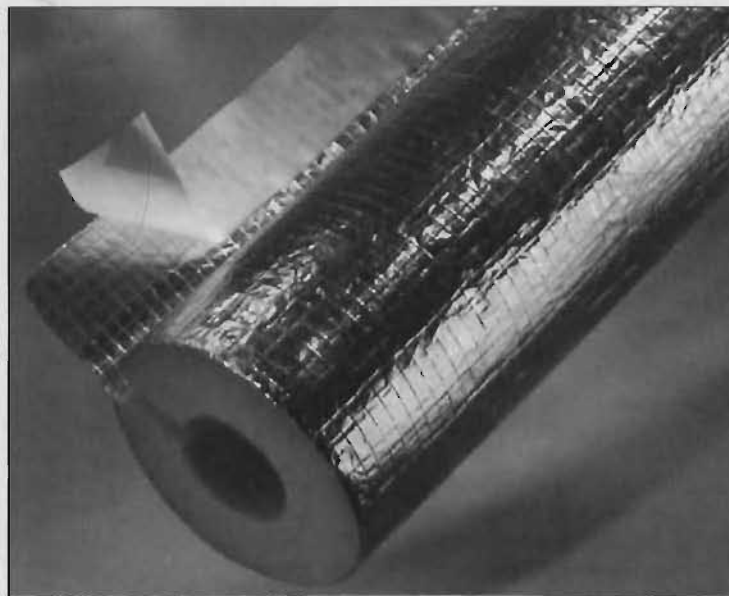
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Colas Building Products,
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Dublin 12.

Tel: 01 - 450 5677; Fax: 01 - 478 3832.

Mobile: Padraig Gillen - 088 - 559612

Published by ARROW@TU Dublin, 1996



TRADE NEWS

Buildings Maintenance Qualifications from DIT

The Dublin Institute of Technology, Bolton Street – in association with the Institute of Maintenance and Building Management (IMBM) – continued to offer the maintenance management programmes of study on a modular basis during the academic year just ended.

These part-time evening programmes at Certificate and Diploma level incorporate topics on corrective and preventative maintenance; health and safety; preparation of estimates; and communication techniques. There are additional diploma modules on information technology and, support services with marketing and sales being introduced for the first time this session.

The programmes are geared towards personnel engaged in building maintenance work in both the public and private sectors and the basis on which they are operated allows flexibility to anyone attending to obtain recognised qualifications in building maintenance management.

Due to the success of the 1995/96 programme, it is planned to repeat similar modules commencing September 1996, plus the introduction of Diploma modules on personnel and industrial relations; planning and management; and new methods and materials. Each module is approximately 36 hours duration.

Contact: Fred Hosford, Dublin Institute of Technology.
Tel: 01 - 402 4016.



Pictured at the An Bord Tráchtála/IIPMM Supplier of the Year Awards in the Westbury Hotel, Dublin were Tony Dunne, Irish Custom Extruders, Dublin (Winner); Mr Enda Kenny, TD, Minister for Tourism and Trade; and John Corrigan, Director Industrial and International Services Division, An Bord Tráchtála.

Top Industry Supplier

A Dublin company, Irish Custom Extruders Ltd which manufactures plastic components for industry, has been voted Supplier of the Year by Irish purchasing managers for its outstanding professionalism and its all-round quality service to customers.

The Supplier of the Year award – which is organised by Bord Tráchtála and the Irish Institute of Purchasing and Materials Management – was presented to Tony Dunne, Managing Director of ICE by Enda Kenny, TD, Minister for Tourism and Trade, at a reception in Dublin recently.

ICE designs and manufactures PVC, uPVC and co-extruded plastic profiles for truck trailers, fridges, showers, windows, electrical trunking, seal gaskets and other products. It has annual sales of £1.9 million and employs 24. Later this month it will move into a new 15,000 sq ft factory in Poppintree Industrial Centre, Ballymun, as part of a £750,000 expansion programme.

Energy Centre Formally Opened



Emmet Stagg, TD, Minister of State at the Department of Transport, Energy and Communications, described the new Irish Energy Centre in Glasnevin, Dublin as "a flagship towards environmentally and energy conscious architectural design and building," when he formally opened the building recently. Pictured are (left to right) David Taylor, Director, Irish Energy Centre; Emmet Stagg, TD; and Dan Flinter, Chief Executive, Forbairt.

What Makes a Quality Product?

Twenty nine European manufacturers of thermostatic radiator valves – Myson Scanglo of Newcastle West among them – use the CEN Mark π as a proof of the quality of their products. Between them they account for something like 95% of this particular industry sector.

The CEN Mark π will only be granted after some strict quality requirements have been met. Radiator valves carrying this mark have to meet the requirements of the European Standard EN 215 and Harmonisation Document HD 1215. The CEN Mark π is part of a third-party certification system of conformity to European Standards.

The system requires testing and surveillance on products and includes regular testing of the quality assurance at production level. Each year, about 50 million valves may carry the CEN Mark π . The Mark has been granted since 1989.

The CEN Mark π is used exclusively by European manufacturers of thermostatic radiator valves.

For the end user, the beauty of the system is not the process, but the result ... a recognised assurance of conformity to European Standards, and quality.

Bathing

as

it's meant
to be



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TRADE NEWS



A fully fitted customised personnel carrier, complete with hydraulic lift and a carrying capacity for 16 people, has been presented to the staff and friends of St Luke's and St Anne's by Modern Plant Ltd. The vehicle will be used by the hospitals as an ambulance service. Pictured at the official handing over of the personnel carrier are (L/R) Noel Lawlor; Mrs B Bolger; Mrs Eileen Maher, Director of Nursing; Dr John Armstrong, Medical Director; Mr H W Bolger; and Harry Jackson.

New UK All-Industry Show

This year's UK HVAC Show – to be held in October at Olympia – is the last under the present format. There will be no show next year with a new format and venue coming into effect from the Spring of 1998.

The intention is to avoid the clash with Interbuild which is held every two years in November and has proved detrimental to both shows.

The new HVAC will take place in London's Earl's Court and will run for three days commencing on 12 May, 1988. Thereafter it will run every year at the same time.

Colas Links Up with Superglass

Colas Building Products has teamed up with "Superglass" to supply its range of industrial products in Ireland.

This comprehensive range of products complements the already extensive product portfolio now available from Colas Building Products, including phenolic, foamglass, armaflex, rockwool, polyurethane and expanded polystyrene.

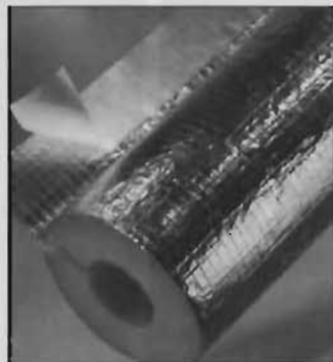
Superglass manufactures foil-covered pipe insulation for the H & V market. Its product, Superlap, is now well established in the European market, the self-sealing overlap having proved a great success with the end user. The sections are lightweight, water-repellent and easy-to-handle, cut and fit. The product

complies with BS 3958 Part 4 1982 and BS 5422 1990.

Other products supplied by Superglass are ductslab, ductwrap, lamella and aluminium bonding.

Colas aims to provide quality products at competitive prices, providing an excellent service to customers.

Contact: Noel Shanahan,
Colas Building Products.
Tel: 01 - 450 5677



Superlap's self-sealing overlap has proved a great success. Details from Colas Building Products.

Revised Commissioning Code For Air Distribution

A new edition of the CIBSE Commissioning Code A: Air distribution systems, is now available.

Commissioning Code A has been written for all those concerned with the design, installation and commissioning of air distribution systems.

The Code sets out the activities and procedures, in a number of work stages, required to commission typical air distribution systems. The procedures represent a standard of good practice generally accepted in the building engineering services industry and are, therefore, presented in the form of recommendations and guidance.

Sections cover preliminary checks, setting to work, regulating air flow, commissioning documentation and witnessing. Appendices are included which provide guidance on design implications, installation, measurement of air flow and calibration of instrumentation and health and safety arrangements. A flow chart highlights the key stages involved in the commissioning of air distribution systems.

The new Commissioning Code A is now available from CIBSE Publications Sales. It is priced at St£11 to CIBSE members and St£22 to non-members.

Contact: CIBSE Publication Sales.
Tel: 0044 181 675 5211.

Grafton Group Acquisitions

The Grafton Group has acquired Bond & White, a London-based builders and plumbers merchant, which has three branches in London; and Smarts Ltd, a plumbers merchant based in Cannock, near Birmingham.

Bond & White operates from three branches in North London. Two locations will continue to trade as Bond & White, the main one being a 1.25 acre site on a main road in Highgate. The third branch, in Finchley, will operate as a branch of Bradleys, the Group's English plumbing and heating business. Bond & White was established in the last century. In 1995, it had a turnover of approximately St£3 million.

Smarts Ltd is a plumbing, heating and bathroom specialist located in Cannock. It had a turnover of approximately St£2 million in 1995. Its acquisition brings the total number of Bradley branches to 18.

Free Energy Information

The Energy Research Group in University College Dublin, Ireland, disseminates EC information on solar architecture and low-energy building free of charge within the EU.

If you wish to have your name added to its mailing list to receive information in future, please send your name, address, etc to the Energy Research Group, University College Dublin, Richview, Clonskeagh, Dublin 14. Fax: +353 1 283 8908; E-mail: erg@erg.ucd.ie WWW: <http://erg.ucd.ie/>

TRADE NEWS

Irish Estates Cap 50 years with ISO Award

Irish Estates (Management) Ltd marked its 50th anniversary of serving the Irish property industry with a celebration breakfast attended by 160 staff, clients and suppliers recently.



Irish Estates, Ireland's largest property management company, marked its 50th year with a celebration breakfast in Fitzers, Ballsbridge, Dublin recently. The National Standards Authority of Ireland also availed of the special occasion to present ISO 9002 Awards to Irish Estates and its subsidiary company, Park Rite. Pictured is David Keane, President, RIAI with John Ferguson, Chairman and Larry Kane, Managing Director, Irish Estates.

Over the past 50 years the company has grown to the point where it now manages Ireland's largest office buildings and collects £60 million annually from six million sq ft of property.

Notwithstanding the past, the company's future was the major topic of conversation. As if to reinforce this, the occasion also marked the formal award of ISO 9002 accreditation to Irish Estates. John Ferguson, Chairman of Irish Estates, regards this as a sign of the company's commitment to constantly improving standards of service in the future.

Mr Ferguson spoke about the

vision for the future saying the company's mission will be based on three pillars, namely:-

- Adding value for customers through long-term partnerships;
- Achieving high, constantly-improving quality standards;
- Flexibility to provide exactly the services required by customers.

Contact: Larry Kane, Irish Estates. Tel: 01 - 704 1430.

IDHE Seeks Part-time Secretary

Because of the rapidly-changing environment for heating contractors, the Institute of Domestic Heating Engineers has put together a comprehensive schedule of events taking in both technical evenings and social occasions. The objective is to protect and safeguard the interests of all members by way of training programmes and to represent them when it comes to standard setting, standard monitoring, quality and safety.

Against this background the

Grundfos Goes for Sporting Gold

With sport very much in the headlines of late, *BSNews* turned its thoughts to the relevance of the building services industry for the growing diversity of sporting pursuits now being played right across the entire country.

Quite interestingly, pumps came immediately to mind. Not surprisingly, golf was top of the list. With new courses being opened almost on a daily basis, the requirement to move water – be it for irrigation purposes and/or for water “features” – is growing at an incredible rate.

Grundfos has seized on this opportunity and made its mark on any number of courses throughout the country. Among them are Mount Juliet, the K Club, Druid's Glen, Royal Dublin, City West, Tulferris House, St Margarets, Killarney Golf Club and Seapoint in Co Louth.

Not content with lording it over the country's golf courses, Grundfos has also made its mark in other sports. These include the GAA – Cusack Park, Mullingar; Rugby – Lansdowne Road; and Hockey – the new hockey pitch in UCD.

To join the Grundfos winning team contact the sales office at Grundfos Ireland on Tel: 01 - 295 4926.

Heitons Acquires Wexford Builders Merchants

Heiton Holdings plc has acquired the business of McCormack Brothers, the Gorey, Co Wexford-based builders merchants.

Heitons has paid £800,000 to acquire the business of McCormacks, subject to confirmation of working capital valuations.

McCormacks is the leading builders merchants in the Gorey area, with a turnover in 1995 of £2.1 million. It operates from freehold premises (which are included in the sale), located in a prominent position in the centre of the town.

Group Chief Executive, Richard Hewat said: “McCormacks' business represents a welcome extension of the Group's coverage in the south east, currently managed out of our Waterford city branch. The acquisition will allow Heitons to enhance our service to customers, throughout Wexford and the south east, and further build our market share in the region”.

Contact: Richard Hewat, Group Chief Executive, Heiton Holdings plc. Tel: 01 - 459 1000.

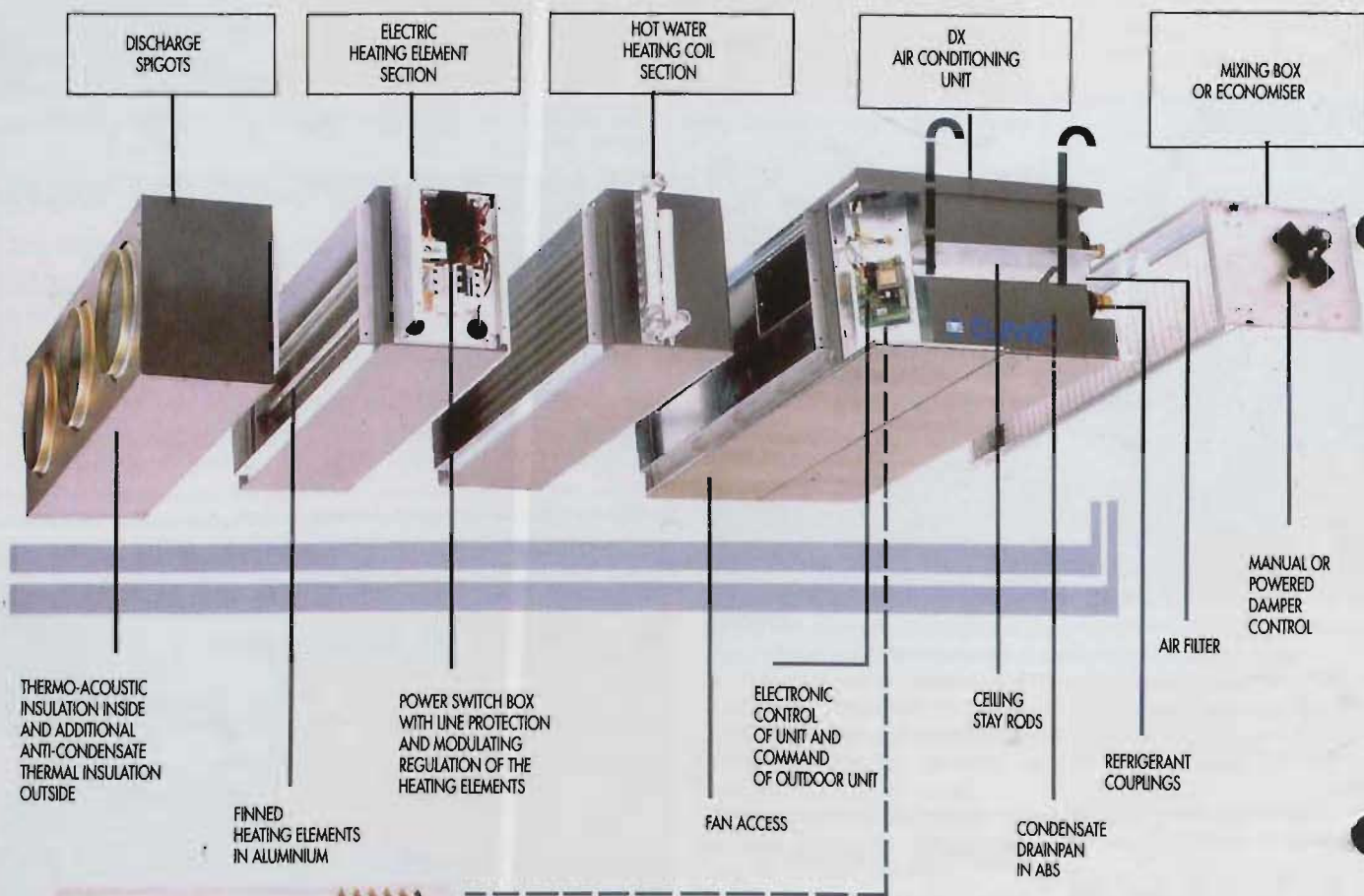
work of the secretariat has increased dramatically. Consequently, the IDHE now wishes to appoint a part-time secretary to assist in the administration of all of the Institutes affairs.

Those interested in applying for the position should contact: John Duignan (Tel: 01 - 626 4917); or David Harris (Tel: 01 - 874 1151).

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TRADE NEWS

Wilo Granted UK Water Bye-Law Approval

Wilo was recently given certification by the UK Water Research Council for its new range of stainless steel multistage pumps. This approval certifies that the pumps are suitable for use on potable water applications. They will also find many uses in industry and water supply.

Designated the MVI (multistage vertical) and MHI (multistage horizontal), these high-efficiency pumps are constructed in 304 stainless steel for non-aggressive liquid applications (drinking water, glycolated water etc) or special 316L stainless steel for applications where pumping aggressive media (sea water, de-ionized water, chlorinated water etc).

They incorporate over 200 different pump/material/motor/pressure combinations to satisfy the most diverse specification requirements with further models to be added later this year and in 1997.

The main features of the MHI horizontal multi-stage (2 to 6 stages) pump range is the compact single-piece pump design rendering its operation economical and quiet running. The high-efficiency impeller

limits the number of stages, size of the shaft and the axial thrust required for any particular duty. Special attention was given to the design and type of the sealing rings used between impeller stages to eliminate any potential risk of seizure due to thermal expansion.

The operating parameters of the Wilo MHI pump range are:- Flow rates up to: 15m³/hr; Pressure range up to: 65 metres; Temperature range: -15°C to 80°C (standard mechanical seal) and -15°C to 110°C (special mechanical seal type).

The vertical multistage range type MVI (2 to 20 stages) has a particular tungsten carbide intermediate bearing included in its design to control and limit vibration and stabilise the rotor on pumps incorporating a large number of stages. It also includes a high-efficiency impeller design.

The operating parameters of the Wilo MVI range are:- Flow rates up to: 16m³/hr; Pressure range up to: 225 metres; and Temperature range: -15°C to 120°C.

These new pumps will be incorporated into some booster set packages assembled in Wilo

Engineering's main workshop in Limerick, depending on application and specification.

The MVI vertical range has the same port to port dimensions of other such products available in Ireland, thus enabling a direct replacement to be made using the Wilo product.

Contact: Tony Cusack, Wilo Engineering.

Tel: 061 - 410963;

Fax: 061 - 414728.

Everything Goes 'With a Swing' for Apex

Another successful golf outing was held recently by Apex Fire Protection at Old Conna Golf Club in Bray. Over 30 played and enjoyed a glorious day's golf with the greens playing truly and in excellent order.

The overall winner was John Mahoney, off 12 H/C with 39 pts (Dublin Transport I); Runner-up was Jim Kavanagh off 9 with 34 pts (Dublin Fire Brigade); 3rd was Dave McSwiggan, (Bank of Ireland) off 8 with 33 pts; and 4th was Michael Flanagan (Assistant Chief Fire Officer) off 20 with 33pts.

The three category winners were - 1st: Tony Hennessy with 31pts; 2nd: Paul Carty of Deloitte & Touche with 30pts; and 3rd: Tommy Olin of RTE with 33pts.

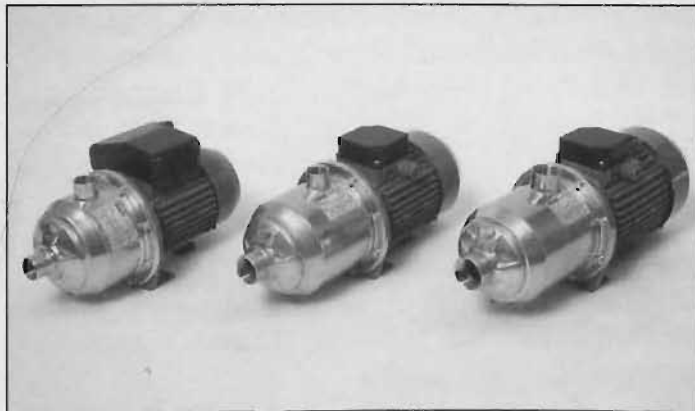
The evening concluded with a dinner in the Old Conna Clubhouse, together with the prize-giving made by Alex Wadkin, Chairman & Joint Managing Director of Apex Fire Protection Ltd.

Building Services Buyer Guide 1996/97

Calling all Manufacturers, Distributors, Agents and Stockists.

Have you received your entry form for the Building Services Buyer Guide 1996/97?

If by any chance you did not receive a form call Edel at Tel: 01 - 288 5001.



MHI pumps from the new Wilo range of stainless steel multi-stage pumps which have just been granted UK Water Bye-Law Approval
Published by ARROW@TU Dublin, 1996

Energy Savings of 30-40% Possible

Overall it is estimated that total energy use can be reduced by 30-40% through the application of existing technology, established energy management techniques and good 'house-keeping' practices, according to David Taylor, Director, Irish Energy Centre. An additional bonus, he says, is that such a reduction in energy consumption would also benefit the environment.

Mr Taylor was speaking at the launch of The Energy Show '96, which is a combined 2-day conference and exhibition sponsored by the European Union SAVE Programme, the Irish Energy Centre and the Department of Economic Development, Northern Ireland. Initiated in 1995 and held in Belfast, this year's event moves to Dublin. It is envisaged that it will continue to alternate between Northern Ireland and the Republic of Ireland in future years.

"The primary objective is to highlight the many ways by which energy usage can be reduced with consequent improvement in competitiveness, productivity and comfort", says Mr Taylor. "Over 60 suppliers will demonstrate the many ways this can be achieved when they participate in The Energy Show '96 at the Burlington Hotel Conference Centre, Dublin on 8 & 9 October 1996. Between them they will present a wealth of technologically-advanced products and energy management solutions, designed to ensure cost-effective and efficient energy usage."

The proven conference/exhibition formula of The Energy Show '96



will allow conference delegates and other visitors to the event gain an insight into developments in energy technology and policy, see products at first hand, and exchange information and experiences.

The conference will cover the latest

developments in the field of energy technology and their applications and the various incentives and partnership initiatives aimed at stimulating their wider adoption.

The Energy Show '96 will prove invaluable for those responsible for specifying an energy source, purchasing or managing energy, contracting out services, and the efficient and cost-effective operation and control of buildings and manufacturing processes.

FURTHER INFORMATION

Tom Halpin,
Marketing Executive,
The Irish Energy Centre.
Tel: 01 - 836 9080

Exhibitors participating at The Energy Show '96

A M Controls Systems; Aerobord; Albar Associates; APV Ireland Heat Exchangers; Autoflame Engineering; Bord Gais; Brook Hansen; Compressed Air Centre; Coppercraft; Cylon Controls (Ireland); D E Generator Hire; Department of Economic Development; Douglas Electronics; Edina Power Plant; Electricity Supply Board; Electrotec Ireland; Energy Auditing Agency; Energy Research Group UCD; Environment 2000; Environmental Efficiency Consultants; F G Wilson (Engineering) Dublin; GEC Meters; George Meller; Gestra; Hedemora Diesel; Honeywell Control Systems; Hyperion Energy Systems; Institute of Energy; Irish Energy Centre; J J Sanapson & Son; J S Humidifiers; Joules Energy Efficiency Services; JW Hogan & Associates; Kaeser Compressors; Kane International; Lectron Ind; Lister Industrial; Lyrics-Byrne Copper & Steel Cylinder; Manotherm; March Consulting Group; Maxwell Industrial Instruments; McCool Controls & Engineering; Mini Specialists; Mitsubishi Electric; Motogen; Nedalo (UK); Northern Design (Electronics); OHM Group; Pillingers of Ireland; QED Engineering; SW Carty & Son; Satchwell Grant; Setsquare; Sinergy; Spirax Sarco; Standard Control Systems; Temp Technology; Thermie; Wärtsilä Diesel Ireland; Woodleigh.

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D'Arcy Engineering – Marrying Quality Work with Personal Service

"My objective in setting up D'Arcy Engineering Ltd was to provide the building services industry — and the mechanical sector in particular — with quality work in a professional but nonetheless personal manner", so said principal Declan D'Arcy when he spoke to *BSNews* recently. It sounds simple ... and so it should be. However, as everyone knows, keeping things simple is the far more difficult route to go. But such is the objective D'Arcy Engineering has set itself.

"For the most part", says John, "we have been successful in the pursuit of that ideal but, I'd be lying if I said it has been easy. When I set up D'Arcy Engineering in 1993 the

industry at large was in the doldrums. Most commentators said that it was far from the ideal time to 'go it alone' and a great many well-meaning friends and colleagues I'm sure wondered at my sanity.

"However, three years on with turnover into seven figures and a significant number of prestigious projects under our belt, the decision was obviously the right choice at the time. With 23 years experience in the building services industry working for one of the country's leading contractors, I was ideally positioned to evaluate the direction the business was going.

"Increasingly, market forces were making it difficult for the larger firms

to provide the more personalised service clients were demanding. For my part I identified a clear-cut market niche whereby this developing need could be best serviced by a smaller operation capable of delivering to the same high quality but in a more direct, personalised and flexible manner. Thus D'Arcy Engineering came into being."

Since 1993 D'Arcy Engineering has undertaken and completed more than 100 individual projects covering all aspects of the building services industry and taking in commercial, industrial, educational and residential schemes.

To begin with, the service provided was primarily contracting but, as time went on, the package provided by the company has been developed and refined to the point where now all aspects of the building services industry are catered for, including project management, electrical services and liaison with the consultant, architect and client where appropriate.



Ballymore Properties Ltd headquarters



Parsons Building, Trinity College Dublin

Recently-Completed Projects

Among the projects recently completed by D'Arcy Engineering are:

- ◆ Parson's Building, Trinity College;
- ◆ Civil Engineering Building, Trinity College;
- ◆ Jedd Developments, Walkinstown, Dublin 12;
- ◆ Ballymore Properties HQ, Stephen's Green;
- ◆ Dublin Airport, Pier C;
- ◆ Leopardstown Race Course, Phases 2&3;
- ◆ Elab Ireland Ltd;
- ◆ Stewart Hall, Parnell Street, Dublin 1;
- ◆ Century House Apartments, Dun Laoghaire;
- ◆ Ardenode Stud;
- ◆ Capuchin Development, Bow Street;
- ◆ 119/201 Pearse Street, Trinity College;
- ◆ Fumbally Court Office Development;
- ◆ Wrights Fish Processing, Howth;
- ◆ Arklow Court Hotel;
- ◆ Griffeen Valley Nursing Home;
- ◆ 50/52 Dame Street;
- ◆ Sophie Barats, Mount Anville;
- ◆ Harbour Master Bar;
- ◆ Office Development, Kilkenny.

Just recently tailored after-sales service and maintenance packages have been added to the portfolio. These are provided through a separate Division within D'Arcy Engineering, a logical development given that the company now has a past pedigree and a significant number of completed projects on its books.

There are currently 12 employees on the books at D'Arcy Engineering while the company has access at short notice to a further pool of approximately 30, highly-qualified tradesmen. Additionally, strong links are being forged with one or two other, established operations. This applies particularly to electrical contracting. Initially, D'Arcy Engineering dealt exclusively in mechanical but, the changing nature of the business — coupled with the desire of consultants and clients for all building services to be provided and project managed by one party — has led to this development.

"Obviously, this is a very encouraging and welcome development for us", says John, "but, at the same time, I'm conscious that for D'Arcy Engineering to grow beyond a certain level will work against us in

our endeavour to continue to provide the level of quality support and personal contact which has underpinned our success to date. It's a critical balance and something which has to be constantly monitored.

"I'm confident that we have the mix right at present and intend to ensure that it remains so. To that end we maintain an optimum workload of approximately eight projects at any given time. Naturally, these are of a mixed bag in terms of scale and application but, overall, the total workload remains fairly constant."

From the outset D'Arcy Engineering Ltd — while being competitive — has never been price-led. The primary objective has always been to provide quality workmanship and support services, the price projects are tendered for being determined by that objective. That said, value-for-money is very important and John D'Arcy maintains total control over all estimating and pricing to ensure that this criteria is met.

"There is no denying that we have made mistakes along the way", says John, "and I'm not so presumptuous as to believe that we have the perfect formula. However, what I am certain of is our commitment to providing quality work in a professional but very personal manner. It is an evolving process, changing all the time. We aim to anticipate these changes and to put management systems in place which can satisfy the most demanding brief.

"For quality workmanship and personal, flexible support services, you can rely on D'Arcy Engineering".

Who To Contact

Declan D'Arcy,
D'Arcy Engineering Ltd,
Pembroke House,
Main Street,
Dundrum,
Dublin 14.
Tel: 01 - 298 9499
Fax: 01 - 298 4331

HARLAND, JOHNSTON & Co

Since opening its dedicated Dublin office approximately two years ago, Harland, Johnston & Co has confirmed its reputation as one of the leading suppliers of customised building services and environmental systems.

Its strengths lie in the fact that, apart from being the principal distributor for some of the world's leading suppliers, it is also a manufacturer in its own right. This makes for a comprehensive and extremely flexible service with customised solutions being devised for virtually every project.

Harland, Johnston & Co was established 20 years ago in Carrickfergus, Co Antrim. Initially it served the northern half of the country but, as its reputation grew, so too did its penetration of the entire country. Hence the decision in 1993 to open the Dublin office.

Having consolidated its position in recent months, the company is now poised for the next phase in its development. Under the stewardship of Sales Manager Kevin Coakley an impressive portfolio of products and design services has been compiled whereby customised solutions can be devised for all manner of building and environmental systems.

Apart from working closely with the consulting engineer and client where appropriate, Harland, Johnston & Co also offers specialist contracting services when it comes to the installation. These are conducted — where necessary — in conjunction with the main contractor on the project.

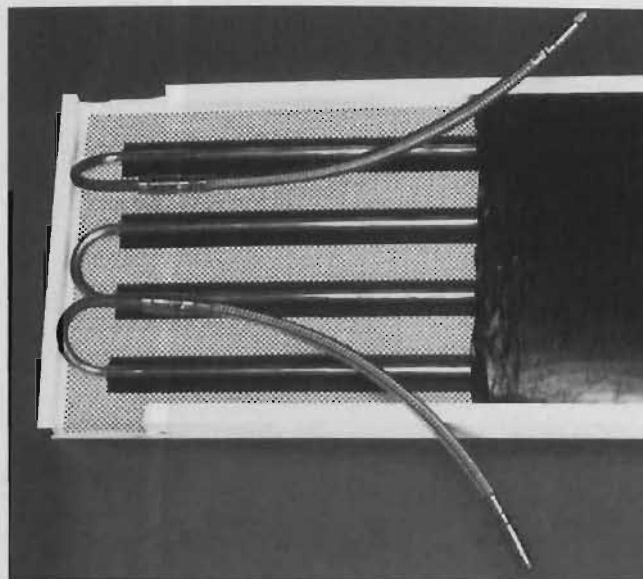
Senior Colman Grilles & Diffusers

Senior Colman grilles and diffusers are renowned the world over for

their quality, technical excellence and scope of application. The range is extensive and includes ceiling and sidewall grilles; linear bar grilles; linear slot diffusers; louvre face diffusers; eyelash diffusers; perforated face diffusers; displacement diffusers; and circular and swirl diffusers.

Redec Chilled Ceilings

The company's product portfolio reads like a who's who? of all the leading suppliers to the industry, the most recent addition to the range being Redec chilled ceilings from Senior Colman. This system is widely specified throughout Europe where the application of chilled ceilings to control the comfort conditions in offices and a variety of other environments is becoming increasingly popular. These include offices, banks, dealing rooms, shops, stores, libraries and airports.



A key feature of the Redec system is the unique process of bonding the chilled water-conducting rail to the metal panels

A key feature of the Redec system is the unique process of bonding the chilled water-conducting rail to the metal panels. This bonding technique uses no mechanical fixings yet still ensures a 100% positive and permanent contact throughout the entire length of the conducting rail and ceiling panel.



Kevin Coakley, Sales Manager, Harland, Johnston & Co

Solrad Heated Ceilings

Solrad is the company's own range of radiant heated ceilings. Customised systems can be designed, manufactured and installed in all manner of commercial and industrial applications. There are any number of projects already installed throughout the country, one of the most recent being the AIB 24-hour banking centre.

Repus Displacement Ventilation

The Swedish Repus displacement ventilation design system has been used to build special units for many years with hundreds of successful installations carried out throughout the world. Repus has distinct advantages over competitive systems in that it uses an induction nozzle principle which allows lower adjacent zones and lower primary air temperatures.

Among recent projects are the lecture theatres and clinics at the Dublin Dental Hospital.

The foregoing is but a brief representative cross-section of the services and products provided by Harland, Johnston & Co. For full details contact Kevin Coakley at Tel: 01 - 830 0825

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ENGINEERED AIR DISTRIBUTION



Harland Johnston & Co. Ltd.

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DISPLACEMENT DIFFUSERS

CHILLED CEILINGS

TERMINAL UNITS

EXTERNAL LOUVRES

SPECIALIST PRODUCTS AND

ACCESSORIES

Harland Johnston & Company Limited in conjunction with Senior Colman would like to announce the formation of a new alliance. HJ & Co are now appointed as the exclusive distributors of Senior Colman's products in the Republic of Ireland, this includes all their air grilles and also the REDEC Chilled Ceiling.

Suppliers of



REDEC

Chilled Ceiling Systems

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Tel: 01 830 0825

Fax: 01 830 0827



Typical Chilled Ceiling Installation

NEW PRODUCTS AND LITERATURE

Keston Condensing Boilers

The Keston range of condensing boilers provides benefits to both the installer and end-user. High efficiency and reliable heating systems, combined with ultra-low NOx combustion, means very low running costs and virtually no atmospheric pollution.

The Keston is a "revolutionary" concept covered by world patents. The design provides high efficiency with a single-pass heat exchanger and clean combustion without the complications of some other condensing boilers. Air is drawn into the unit via a 40mm (50mm for the commercial Keston 170) plastic pipe and an in-built filter. A measured amount of gas is injected into the air stream and the mixture is passed through a highly-turbulent blower. This blower forces the mixture of gas and air into a patented micro-mesh burner which burns with a tight blue flame, after being ignited by a spark electrode. There is no pilot or thermocouple in the appliance.

The hot combustion gases pass down the centre of a tightly-coiled steel tube carrying the central heating water. When the combustion gases emerge from the base of the water coil the temperature is reduced to around 5°C above the return water temperature. The cooled gases are then forced out of the heat exchanger into the plastic pipe where they are discharged to the atmosphere.

The Keston incorporates a



The Keston condensing boiler range is now available from F & J Services.

patented, single-pass, heat exchanger providing high efficiency without the normal complex double-heat exchanger system of other condensing boilers. Its compact construction of high grade

super alloy stainless steel ensures long life and carries a guarantee against leakage.

Contact: Frank Forde, F & J Services. Tel: 01- 451 7022; Fax: 01 - 451 7613.

Trianco EuroTrader

The new Trianco EuroTrader BH oil-fired boiler range is finished with a traditional black tight fitting case for installation either within a kitchen cupboard or a boiler house. Further flexibility in siting is provided through a number of flueing options for use with conventional or room-sealed balanced flues. Supplied with factory-fitted controls, three outputs are available from 20kW to 32kW.

All other boilers in the EuroTrader range have a white casing with "quick remove" panels giving convenient front and top access for easier servicing. Both boiler and controls are factory pre-wired and an extra front tapping for the pump and limit thermostats are provided. This boiler is designed to produce a low base temperature so no special hearth is required and there is no need to replace firebox components.

A choice of 20.5kW, 26.4kW and 32.2kW heating outputs – together with the Trianco flexible flue arrangements – facilitate a number of siting options within a kitchen or boilerhouse.

Contact: Shay Kiernan, Heating Distributors. Tel: 01 - 837 5144.



The new Trianco "EuroTrader BH" range of oil-fired boilers for the Irish market. Details from Heating Distributors.

Dial-Type Water Flowmeters

Dwyer Instruments has introduced its new Series RMV Rate-Master® dial-type flowmeters for measurement of water flows in three ranges from 0-5, 0-10 and 0-20 GPM, all with $\pm 2\%$ of full scale accuracy and $\pm 1\%$ F.S. repeatability. Rugged forged brass housing is standard assuring superior compatibility and the strength to withstand system pressures to 1000 psig (68.9 bar).

The unique design employs a target-type element linked to a flexible leaf spring which deflects in proportion to the amount of force generated by the flowing media. A magnet on the free end of the spring drives a mating magnet attached to the indicating pointer. The two magnets are isolated from each other by an

internal wall so there is no direct mechanical linkage, enabling over-range flows to 150% of full scale (without damage) while practically eliminating chance of leakage. Unlike glass tube rotameters, these units won't shatter and they work well with dark and/or opaque liquids.

Three connection sizes are available – 1/2", 3/4" or 1" NPTF. These instruments can be installed in-line, supported by piping or panel-mounted using hardware supplied. An optional adjustable signal flag can be added to indicate a pre-determined limit. RMV Flowmeters measures 5" diameter x 3-17/32" depth (127 x 89.7mm) and weight is 9lbs (4.08kg). Operating temperature limits are 20 to 200°F (-6.7 to 93°C).

Contact: Bob Gilbert, Manotherm. Tel: 01 - 452 2355; Fax: 01 - 451 6919.



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FAX MESSAGE

TO: Mr Pat Brogan **C.C:** P Byrne
COMPANY: Brogan & Associates **FROM:** Sales Department

Please phone Mark Eire if you do not receive all pages.

DATE: 8 May 1996

NUMBER OF PAGES INCLUDING THIS ONE: 1

MESSAGE:- The Best Products ...

Mark Eire BV understands that to achieve good sales you need the best products.

Having the best products together with satisfied customers explains why we are so successful.

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CONTACTS

Maurice Byrne 01 - 6680510; Michael Keane 026 - 45334; Mairead Twomey 026 - 45334

Mark, the human face of the Heating and Ventilation Industry



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TE Lynskey Grand Prix Success

While the Ballyfermot Go-Kart track is worlds removed from the likes of Silverstone or even Mondello, that did nothing to dissuade the competitors in the recent Merriott/BSNews karting grand prix from the notion that they were all budding Damon Hills!

A total of 85 competitors making up

thereafter raced away to take the overall prize on the night.

Various individuals showed tremendous driving skills while others will possibly be asked to pass a test before they are accepted for next year's event. Perhaps they thought it was the dodgems. The combination of approaches led to some very

The Teams

Temac; Versatile/Merriott; Mad Mac's (McArdle McSweeney); Arcon; Delap & Waller (two teams); J V Tierney (two teams); FKM; Leo Lynch & Co; Homan O'Brien; Dornan Engineering; T E Lynskey; Varming Mulcahy; T Bourke & Co; Combi Contractors; OPW; RN Murphy.



Arcon, who came third, receiving their trophies from Frank Donohue. Team members are: Ken O'Keefe, Ron O'Connor, Joe McMahon and Michael Kelly.

19 teams participated in the event which was fiercely-contested over a 10-week period during which the preliminary rounds were completed. All their efforts came to a head on 16 July with three teams – Delap & Waller, Arcon and RN Murphy – already through to the final and a further seven down to compete in the last qualifier for an opportunity to compete with them.

TE Lynskey emerged triumphant from this final qualifying session and



Delap & Waller, who were the runners-up, pictured with Frank Donohue. Team members are: David Feighery, Gareth Baker, Joe Weafer and Brian Langan,



Group shot of the drivers, friends and guests who attended the final.

interesting skirmishes!

For the most part though everyone entered into the spirit of the competition and – while all took it very seriously – the fun element prevailed ... just about.

Right from the outset a number of individuals set a blistering pace. Ron O'Connor held the lap record for a number of weeks before Colm O'Duinn took it from him in dramatic form. The new time set seemed unbeatable and indeed Colm was quite confident that it would hold to the end of the competition.

However, Willie O'Dowd of TE Lynskey stole the fastest lap record from him late in the final night.

TE Lynskey deserved their win and other teams should note the contribution of team manager John Finan. While the drivers were undoubtedly the heroes on the night, John was there throughout all the qualifying rounds, encouraging and helping them in whatever way he could.

For the most part it was a men only affair. That was not by design ... it

was simply the way it transpired. The only lady participant was Karalee O'Brien of Varmings. She did her team proud and was rewarded (?) with a special prize on the night.

The final pit stop and presentation of prizes was held in nearby Harry Ramsden's fish and chip emporium which was taken over for the occasion. It proved a most appropriate venue with all participants, guests and friends enjoying a fitting end to what proved to be an excellent tournament.

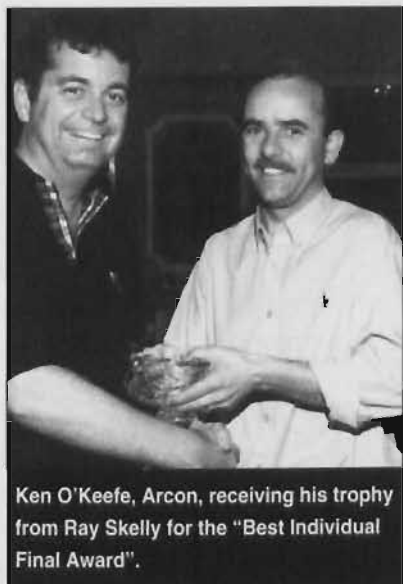
Such was its success that teams are already putting their names down for next year's "season". For details contact Frank Donohoe, Merriott Radiators. Tel: 01 - 459 6213.



R N Murphy – The Savages – with Frank Donohoe. Team members are: Stefan Zielinsk, Simon Killeen, Les Murphy and Leonard Carroll.



Jim Connelly, Abbott & Partners, obviously has little sympathy for Pat Merrigan from J V Tierney



Ken O'Keefe, Arcon, receiving his trophy from Ray Skelly for the "Best Individual Final Award".



Many found the cars lacking in leg room!



Karalee O'Brien, Varming Mulcahy, receiving the "Room for Improvement Award" from Pat Lehane, Editor, BSNews.



Gareth Baker from Delap & Waller receiving the "Highest Points Award" from Ray Skelly.



Willie O'Dowd from T E Lynskey receiving the "Fastest Lap Award" from Pat Lehane.

Exemption From Filing Accounts

This months BSNews Better Business is taken from the latest edition of the Pearse Trust Newsletter. Pearse Trust provide a broad range of services including Incorporation of companies; Preparation of annual returns and other statutory documents; Procedures and documentation for broad and general meetings; and Company secretarial advice. For details and copies of the newsletter contact Pat Doyle at Tel: 01 - 660 0664

Until the Companies (Amendment) Act, 1986, there was no obligation on private limited companies to file accounts with the Companies Registration Office.

However, once the Act was introduced, it required private limited companies to file accounts with the Companies Registration Office, in compliance with the Fourth EU Directive on company law.

This obligation to file accounts was, and remains, an obligation to attach, *inter alia*, a balance sheet and profit and loss account to the annual return.

The annual return must be made up to a date which is 14 days after the annual general meeting and filed with the Registrar of Companies within 77 days of the date to which it is made up.

The accounts to be laid before an annual general meeting must be made up to a date not more than nine months preceding the date of the meeting. This means that companies could, and still can, file accounts which are dated up to 11 months prior to filing.

In previous issues of the *Pearse Trust Newsletter* we have dealt with the exemptions available to private companies by reference to size, under Sections 10 and 12 of the Act, in respect of financial statements to be filed for public inspection.

In addition to these exemptions, the Act also introduced a provision (Section 17) whereby, in lieu of its own accounts, a subsidiary

company can file with its annual return, a copy of the consolidated accounts of its parent company, in circumstances where the following conditions are met:

- the parent company is incorporated within the EU;
- all the shareholders of the subsidiary must consent to the guarantee;
- there is in force an irrevocable guarantee by the holding company of the subsidiary's liabilities in respect of the relevant financial year;
- the annual accounts of the subsidiary are consolidated with those of the holding company for the relevant year;
- a notice stating that the company has availed of the exemption and a copy of the guarantee and the notification, together with a declaration by the company that all the shareholders have declared their consent, are annexed to the annual return;
- the consolidated accounts of the holding company are drawn up and audited in accordance with the provisions of the Fourth Directive.

The guarantee can be executed after the end of the relevant financial year but must be executed before the accounts of the parent undertaking have been approved by their respective directors. Reference to the giving of the guarantee must be made in the consolidated accounts.

The Return of Colour ... But With A Difference!

This month sees the launch of major new introductions from Armitage Shanks. The first is Liberty, the new addition to Armitage Shanks' collection of luxury bathroom suites. Classically modern in style, Liberty has been some 18 months in the making and is intended to fit neatly between the mid- and upper-price bands of the Armitage Shanks range.

"This is a market segment we have not previously catered for and therefore complements the other suites in our existing line up perfectly," says Armitage Shanks' Brian Redmond.

"Designed as an elegant, contemporary, and value-for-money suite, we believe Liberty will prove popular among consumers searching for an individual look in the bathroom. Straight lines and smooth curves blend with the distinctive roll-top edge which is carried through to the basin and bidet, giving Liberty a very classical look," he continues.

To ensure customers get more for their money, Armitage Shanks has incorporated many added-value features throughout the new suite.

The basin and bidet have the option of a chrome or gold overflow trim, while the wc, with the new luxury wrap-over Leo seat and 7.5 litre flush cistern is double-trap syphonic. This means a quieter and more effective flush.

The bath is called Liberty-Bow. While offering maximum room, it can be installed as a direct replacement for a standard 1700 x 700mm bath. It has been carefully created with a bow front and minimum roll to combine innovative looks with spacious bathing in a standard bathroom. It is also double-ended ... ideal for family bathing and less expensive than a corner bath. It features a unique central waste.

Consisting of five brand new ceramic pieces, the Liberty suite is well suited to Armitage Shanks Excelsia

brassware ... a range of luxury taps and mixers in a variety of finishes to suit all tastes. Liberty is available in most of the company's extensive colour palette, in addition to its progressive new colours – Bali Sand and Ocean Spray.

Representing a significant departure from the popular pastel shades which have influenced bathroom design thinking for so long, the new colours are expected to make serious waves in the bathroom industry. Named Ocean Spray and Bali Sand the two colours evoke images of a sun-drenched coastline.

Ocean Spray is a blend of tropical green and Mediterranean blue, unlike any other colour seen before in the

"Ocean Spray and Bali Sand are the result of over 12 months' research, and examples of the company's pioneering approach to bathroom sanitaryware".

Stronger colours have not been seen on mainstream bathroom sanitaryware for nearly 20 years, white and innumerable shades of pastel have dominated in this period. As the new millennium approaches, Armitage Shanks is predicting the return of colour ... but with a difference, as in trends already evident in paints and other home furnishings.

Ocean Spray is available on the Liberty, Tiffany, Cameo, Concept, Wentworth, and Clarendon suites



bathroom market. The warm tones of Bali Sand venture away from the "off-white" of Armitage Shanks' Honey Moon towards a stronger, more distinctive hue.

Brian Redmond says: "We look at colour in the home in its broadest sense, not just in sanitaryware. At Armitage Shanks we have predicted the return of stronger colours for some time, in the same way we are seeing bolder colours in the kitchen and bedroom.

Colours with a difference ... from Armitage Shanks!

from 1 September 1996. Bali Sand will be seen complementing the Liberty, Tiffany, Wentworth, Cameo, Clarendon, Cottage, Concept and JCL suites from the same date.

Contact: Brian Redmond, Armitage Shanks.
Tel: 01 - 451 0044.

Commercial Boilers

Condensing Boiler Efficiency from Trianco

Trianco Redfyre has 40 years of experience in boiler design and manufacture, the Heatmaker 60CB condensing gas boiler being an example of its product quality and performance in the commercial heating market. The Heatmaker 60CB complies with all relevant European standards, its low NOx emissions bringing the boiler within European NOx category Class 4, in addition to holding the CE Mark of conformity.

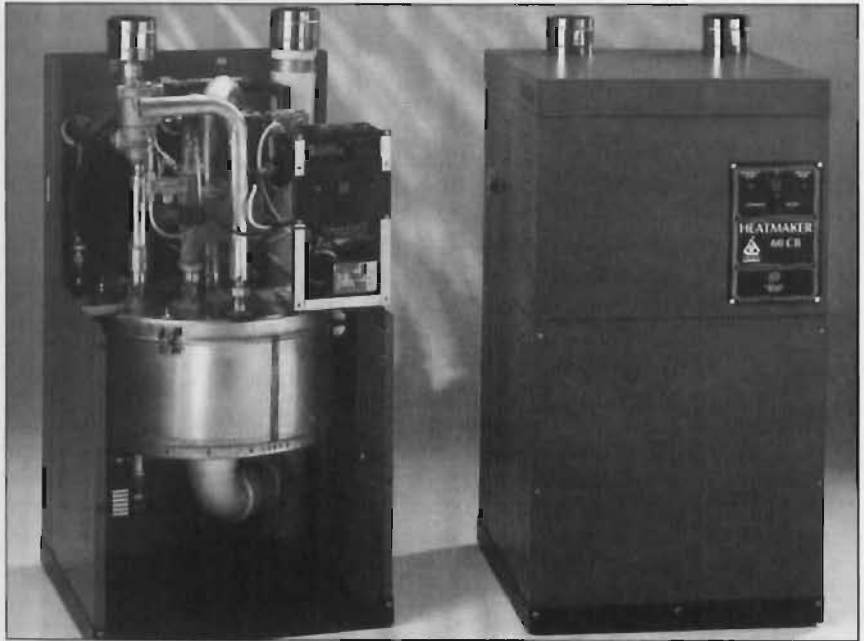
Incorporating the very latest in condensing gas appliance technology, the Heatmaker 60CB is designed to provide central heating and domestic hot water on fully-pumped, sealed or open-vented systems across a wide range of retrofit and new commercial applications. It is a floor-standing, fully-automatic, pre-mix condensing gas boiler which recovers and re-uses heat in the exhaust flue gases via a secondary heat exchanger.

Heatmaker can be installed either as a single appliance or in multiple units for larger heating demands, each offering heat outputs of 192,100 Btu/h in condensing mode and 176,430 Btu/h in non-condensing mode. A maximum of eight boilers may be installed in two parallel banks with up to four boilers on each bank.

There are five flueing options, enabling combustion air to be exhausted to atmosphere from a roof space or from the boiler house itself. This is due to the use of independent air intake and flue discharge ducts which are made of flame-retardant ABS plastic pipework.

Trianco's TRO commercial boiler is a fabricated steel construction designed for oil or gas firing for smaller commercial installations.

There are two models available – the TRO 80/95 and the TRO 102/117 with outputs ranging from 80kW to 117kW (275,000 to 400,000 Btu/h). Both are fired by the latest fully-



The 'Trianco Heatmaker 60CB' condensing gas boiler from Heating Distributors.

automatic oil or gas forced draught burners and include all necessary combustion controls and safety features.

Because of the high combustion efficiency achieved with these boilers very little cleaning of flueways is needed. However, when it does become necessary, easy access is provided by way of a large

top cover which allows the flue baffles to be removed and all internal surfaces to be inspected and cleaned. A sight glass is provided in the flue-cover for flame inspection.

Details from Heating Distributors Ltd, 145/147 Richmond Road, Dublin 3.
Tel: 01 - 837 5144;
Fax: 01 - 837 0531.

Beeston Heating is 'Oldest Supplier' in Ireland

Beeston Heating Ltd – whose Irish distributor is Euro Gas Ltd – is in operation for over 100 years and is possibly the oldest supplier of cast iron boilers to the mechanical services industry in Ireland.

The company is based in Derby and employs 50 people involved in the manufacture of cast iron boilers for gas, oil and dual fuel. The product portfolio is extensive and includes atmospheric gas boilers; pressure jet oil or gas fired boilers; and water heaters. All have CE approval.

The scope of application of Beeston boilers is wide-ranging and varied, catering for all possible requirements. Typical examples of projects successfully supplied to and

commissioned by Euro Gas over the last 12 months being:-

A T & T Headquarters, Bray – Three Beeston Bisley 290 kW gas-fired boilers. This project was designed by Homan O'Brien & Associates and installed by FKM Engineering Ltd;

Bord Na Mona New Headquarters, Baggot Street – Six Beeston Berkeley atmospheric gas boilers, each rated at 130 kW. Once again this was designed by Homan O'Brien & Associates. Installation by H A O'Neill Ltd.

Collins Barracks New National Museum, Dublin – Eight Beeston Beverley 235 kW boilers supplied through J V Tierney & Co Ltd.

Other prestigious clients using Beeston boilers are the AIB Bank; the Ulster Bank; Office of Public Works; the Department of Education and the Ministry for Defence.

product review

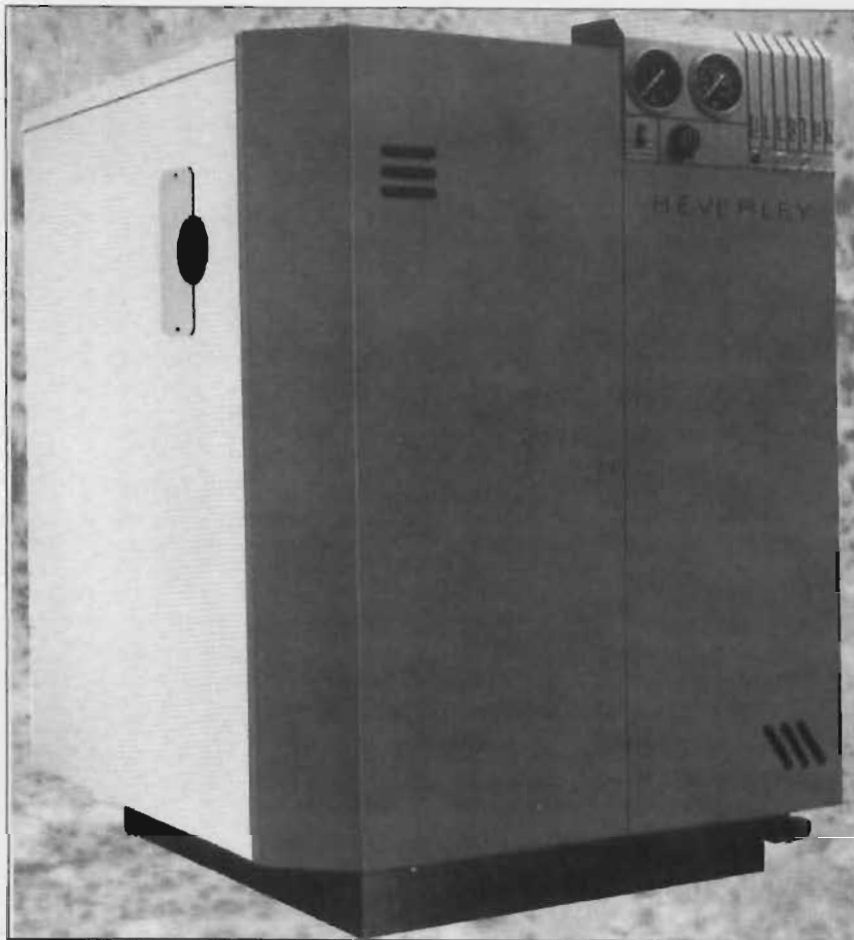
Beeston also manufactures a range of heavy-duty cast iron sectional boilers which are suitable for applications where there is little maintenance, i.e. schools, institutes, etc.

Euro Gas provides full support facilities with two full-time service engineers covering the 26 counties, commissioning the Beeston range of equipment and offering a comprehensive after-sales service.

Euro Gas Ltd has represented Beeston in Ireland for 10 years. During this time its technical team has presented numerous technical seminars to CIBSE members in Ireland on subjects such as affordable condensing, modulating modular boiler systems and alternative fuelling on gas-fired boilers.

"Information dissemination, product familiarisation and education in general are an essential part of the services we provide", says Des Prendergast of Euro Gas, "and we are always available to offer advice and guidance where appropriate".

Details from Euro Gas Ltd, 1 Duncairn Place, Bray, Co Wicklow.
Tel: 01 - 286 8244;
Fax: 01 - 286 1729.



Beeston's Beverley range of condensing and non-condensing commercial atmospheric gas-fired boilers have outputs ranging from 135kW to 540kW. Details from Euro Gas.

Three of the Best From Hevac

When it comes to commercial boilers, Hevac's portfolio is undoubtedly the most formidable on the market, representing as it does three of the leading brands in this particular sector. The manner in which the various models have been chosen from each of these brands is such that they are perfectly complementary. As such, Hevac offers specifiers and installers a formidable armoury of solutions, no matter what the requirement. Brief details of each of the ranges – their scope and the extent of their application – are as follows:-

Chappee

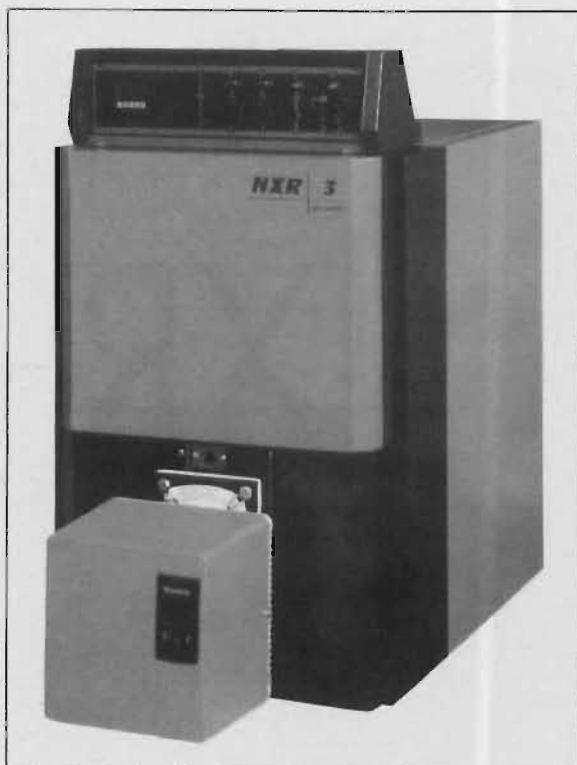
Chappee's "NXR3" and "NXR4" range of cast iron sectional boilers

Right: Some high-efficiency, cast iron boilers from Hevac



product review

Commercial Boilers



The NXR3 cast iron sectional boiler from Hevac

for oil, gas and dual fuel applications offers substantial energy savings and has been designed to minimise polluting emissions. The large chamber capacity provides a more environmentally-sound combustion and, coupled with cast iron economisers, dramatically improves the heat transfer surface providing enhanced efficiencies up to 85.5%. Combustion chamber access is obtained through hinged burner doors with the combustion chamber designed to enable horizontal cleaning for simpler, faster and better maintenance. The stylish casing – with its high level of insulation – reduces standing losses considerably.

The "NXR3" range comes fully assembled with an output range of 70-290kW combined, with smaller flue diameters, while the "NXR4" range is available in outputs from 260-800kW.

To complement these boilers, Chappee also manufactures the Arizona high-quality steel boiler with hinged refractory lined front door, stylish appearance and high

efficiencies of 84% gross. The Arizona is available in outputs up to 2,500kW and is suitable for oil and/or gas firing.

Hamworthy

Hamworthy Heating's "Purewell" range of cast iron atmospheric gas-fired modular boilers is fully eurocertified, bearing the "CE" mark. All models have many "state-of-the-art" features including gas flow share valves which reduce fuel consumption, and radiant baffles which reduce heat loss.

The "Purewell" range comprises eight basic models with outputs from 40 to 120kW. The modular configuration allows infinitely variable outputs. Options available are the permanent pilot, fully automatic and high/low options having electronic gas valve technology which permit a low flame start while eliminating boiler hunting.

Hamworthy also manufactures the "Wessex" high efficiency pre-mix gas-fired modular boilers in 50kW and 200kW modules. With its fully automatic efficient pre-mix combustion, the "Wessex" provides a rapid response, compact, high-efficiency boiler with NOx levels less than 50ppm at 3% O₂.

In addition to these high-quality boilers, Hamworthy can also offer boiler sequencers, header systems and fan dilution systems to help solve many boilerhouse installation problems.

Sime

The Sime 2R Series of cast iron medium commercial size sectional boilers for operation on either oil or gas represent the ideal choice for customers who demand quality, efficiency and reliability. Multiple staggered pins on the section absorb maximum heat transfer while providing minimum draught loss.

The attractive styled red casing of epoxy powder-coated steel panels, complete with a matching front-mounted control facia, provides thermal insulation of the boiler block.

The boiler is available in outputs from 100kW to 180kW and is supplied fully assembled.

Sime also produces a range of cast iron atmospheric gas-fired boilers in two ranges – The RMG with outputs from 77kW to 100kW and the RS fully automatic range with outputs from 111kW to 287kW. All models are fully compliant with the latest European Directives.

Contact: Martin Garvey, Hevac Ltd.
Tel: 01 - 830 1211;
Fax: 01 - 830 1990.



Hamworthy Heatings' Purewell gas-fired boilers from Hevac

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